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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(imag$3 and (estimat$3 and calculat$3 or evaluat$4 or measur$5 or comput$5) and threshold$3 and inhomogeneity and generat$3 and scalar). CLM.	US-PGPUB	AND	ON	2008/02/02 15:55

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L1	1	(imag$3 and (estimat$3 and calculat$3 or evaluat$4 or measur$5 or comput$5) and threshold$3 and inhomogeneity and generat$3 and scalar). CLM.	US-PGPUB	AND	ON	2008/02/02 16:16
L4	2	("5113865").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 15:57
L5	2	("5137355").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 15:58
L6	2	("5627469").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 15:58

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L7	2	("5694938").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 15:59
L8	2	("5699153").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 15:59
L10	2	("5746210").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 16:00
L12	2	("5752519").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 16:01

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L13	2	("5987346").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 16:02
L14	2	("6081322").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 16:02
L15	2	("6263228").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 16:03
L16	2	("6327489").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 16:04

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L17	2	("6377041").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 16:13
L18	18118	((382/128,129,130,131, 132,133,134) or (128/899) or (324/300, 307,309,312,320) or (600/407,409,410,411, 412,425,473,476,477, 524)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 16:15
L19	6362	18 and acquir$3 with imag$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 16:25
L20	6149	19 and (estimat$3 and calculat$3 or evaluat$4 or measur$5 or comput$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 16:26

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L21	2160	20 and threshold$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 16:20
L22	25	21 and inhomogeneity and generat$3 and scalar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 16:24
L23	19	22 and filter$3 and operat$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 16:20
L24	84792	acquir$3 near4 imag$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 16:22

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L25	9505	24 and threshold$3 near4 valu$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 16:22
L26	833	((estimat$3 and calculat$3 or evaluat$4 or measur$5 or comput$5) near4 (inhomogeneit$3 or in-homogeneit$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 16:21
L27	120	26 and acquir$3 near4 imag$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 16:22
L28	32	27 and threshold$3 near4 valu$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 16:25

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L29	2	28 and scalar$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 16:22
L30	23	correct$3 near4 inhomogeneity and generat$3 and scalar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 16:29
L31	5	30 and threshold$3 near4 valu$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 16:28
L32	5	31 and acquir$3 with imag$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 16:25

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L33	5	32 and (estimat$3 and calculat$3 or evaluat$4 or measur$5 or comput$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 16:26
L34	4	correct$3 near4 inhomogeneity near4 imag$3 and generat$3 and scalar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 16:27
L35	1	34 and threshold$3 near4 valu$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 16:28
L36	5	26 and correct$3 near4 inhomogeneity and generat$3 and scalar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/02/02 16:29

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1. **Segmentation of ultrasound B-mode images with intensity inhomogenei**
Guofang Xiao; Brady, M.; Noble, J.A.; Yongyue Zhang;
Medical Imaging, IEEE Transactions on
Volume 21, Issue 1, Jan. 2002 Page(s):48 - 57
Digital Object Identifier 10.1109/42.981233
AbstractPlus | References | Full Text: PDF(221 KB) IEEE JNL
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2. **Supervised range-constrained thresholding**
Qingmao Hu; Hou, Z.; Nowinski, W.L.;
Image Processing, IEEE Transactions on
Volume 15, Issue 1, Jan. 2006 Page(s):228 - 240
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Inventor Name Search Result

Your Search was:

Last Name = AVINASH
First Name = GOPAL

Application#	Patent#	Status	Date Filed	Title	Inventor Name
08932430	6246783	150	09/17/1997	ITERATIVE FILTER FRAMEWORK FOR MEDICAL IMAGES	AVINASH, GOPAL
09476684	7020343	150	12/30/1999	METHOD AND APPARATUS FOR ENHANCING DISCRETE PIXEL IMAGES BY ANALYZING IMAGE STRUCTURE	AVINASH, GOPAL
10063338	Not Issued	71	04/12/2002	Method and apparatus to determine bone mineral density utilizing a flat panel detector	AVINASH, GOPAL
11968476	Not Issued	17	01/02/2008	SYSTEM AND METHOD FOR COMPUTER ASSISTED ANALYSIS OF MEDICAL IMAGE	AVINASH, GOPAL
09652739	6757414	150	08/31/2000	METHOD AND APPARATUS FOR SEGMENTATION OF A LEFT VENTRICULAR EPICARDIUM	AVINASH, GOPAL B.
09657033	6343111	150	09/07/2000	Dual energy decomposition using automatically determined cancellation parameters	AVINASH, GOPAL B.
09681611	6917697	150	05/08/2001	METHOD AND APPARATUS TO AUTOMATICALLY DETERMINE TISSUE CANCELLATION PARAMETERS IN X-RAY DUAL ENERGY IMAGING	AVINASH, GOPAL B.
09682934	7206460	150	11/01/2001	METHOD FOR CONTRAST MATCHING OF MULTIPLE IMAGES OF THE SAME OBJECT OR SCENE TO A COMMON REFERENCE IMAGE	AVINASH, GOPAL B.

09683990	6816572	150	03/08/2002	METHOD, SYSTEM AND COMPUTER PRODUCT FOR PROCESSING DUAL ENERGY IMAGES	AVINASH, GOPAL B.
09718708	6771803	150	11/22/2000	METHOD AND APPARATUS FOR FITTING A SMOOTH BOUNDARY TO SEGMENTATION MASKS	AVINASH, GOPAL B.
09721606	6980682	150	11/22/2000	METHOD AND APPARATUS FOR EXTRACTING A LEFT VENTRICULAR ENDOCARDIUM FROM MR CARDIAC IMAGES	AVINASH, GOPAL B.
09721607	6757442	150	11/22/2000	IMAGE ENHANCEMENT METHOD WITH SIMULTANEOUS NOISE REDUCTION, NON-UNIFORMITY EQUALIZATION, AND CONTRAST ENHANCEMENT	AVINASH, GOPAL B.
09928029	Not Issued	161	08/10/2001	Method to obtain the cardiac gating signal using a cardiac displacement sensor	AVINASH, GOPAL B.
09989044	6580779	150	11/20/2001	CONTRAST ADJUSTMENT OF A DECOMPOSED X-RAY IMAGE RELATIVE TO THE CONTRAST OF ANOTHER X-RAY IMAGE	AVINASH, GOPAL B.
09990030	6963670	150	11/21/2001	CT DOSE REDUCTION FILTER WITH A COMPUTATIONALLY EFFICIENT IMPLEMENTATION	AVINASH, GOPAL B.
09990031	7206101	150	11/21/2001	COMPUTATIONALLY EFFICIENT NOISE REDUCTION FILTER	AVINASH, GOPAL B.
09991037	6973219	150	11/21/2001	SEGMENTATION DRIVEN IMAGE NOISE REDUCTION FILTER	AVINASH, GOPAL B.
10058615	6614874	150	01/28/2002	ROBUST AND EFFICIENT DECOMPOSITION ALGORITHM FOR DIGITAL X-RAY DE IMAGING	AVINASH, GOPAL B.
10058616	6661873	150	01/28/2002	MOTION ARTIFACTS REDUCTION ALGORITHM FOR TWO-EXPOSURE DUAL-ENERGY RADIOGRAPHY	AVINASH, GOPAL B.

10058727	7068826	150	01/28/2002	AUTOMATIC SELECTION OF THE LOG-SUBTRACTION DECOMPOSITION PARAMETERS FOR DUAL ENERGY CHEST RADIOGRAPHY	AVINASH, GOPAL B.
10063066	6721386	150	03/15/2002	METHOD AND APPARATUS OF CARDIAC CT IMAGING USING ECG AND MECHANICAL MOTION SIGNALS	AVINASH, GOPAL B.
10063275	6579239	150	04/05/2002	SYSTEM AND METHOD FOR AUTOMATIC ADJUSTMENT OF BRIGHTNESS AND CONTRAST IN IMAGES	AVINASH, GOPAL B.
10063819	7263214	150	05/15/2002	COMPUTER AIDED DIAGNOSIS FROM MULTIPLE ENERGY IMAGES	AVINASH, GOPAL B.
10064469	6592523	150	07/17/2002	COMPUTATIONALLY EFFICIENT NOISE REDUCTION FILTER FOR ENHANCEMENT OF ULTRASOUND IMAGES	AVINASH, GOPAL B.
10064548	6771736	150	07/25/2002	METHOD FOR DISPLAYING TEMPORAL CHANGES IN SPATIALLY MATCHED IMAGES	AVINASH, GOPAL B.
10064551	7050615	150	07/25/2002	TEMPORAL IMAGE COMPARISON METHOD	AVINASH, GOPAL B.
10064628	Not Issued	161	07/31/2002	Temporal image comparison method	AVINASH, GOPAL B.
10064873	Not Issued	123	08/26/2002	Method and apparatus for processing annotated screen capture images by automated selection of image regions	AVINASH, GOPAL B.
10065854	7295691	150	11/26/2002	COMPUTER AIDED DIAGNOSIS OF AN IMAGE SET	AVINASH, GOPAL B.
10065961	6771999	150	12/04/2002	DETERMINATION OF ARBITRARY CARDIAC PHASES USING NON-ELECTRICAL SIGNALS	AVINASH, GOPAL B.
10138549	Not Issued	61	05/03/2002	Method and apparatus for improving perceived digital image quality	AVINASH, GOPAL B.
10192995	6942621	150	07/11/2002	METHOD AND APPARATUS FOR DETECTING WEAK	AVINASH, GOPAL B.

				PHYSIOLOGICAL SIGNALS	
10193564	Not Issued	41	07/11/2002	Interpolated image filtering method and apparatus	AVINASH, GOPAL B.
10242975	6574304	150	09/13/2002	COMPUTER AIDED ACQUISITION OF MEDICAL IMAGES	AVINASH, GOPAL B.
10243056	6748044	150	09/13/2002	COMPUTER ASSISTED ANALYSIS OF TOMOGRAPHIC MAMMOGRAPHY DATA	AVINASH, GOPAL B.
10243057	Not Issued	41	09/13/2002	Computer aided processing of medical images	AVINASH, GOPAL B.
10248541	7194145	150	01/28/2003	METHOD FOR CONTRAST MATCHING OF MULTIPLE IMAGES OF THE SAME OBJECT OR SCENE TO A COMMON REFERENCE IMAGE	AVINASH, GOPAL B.
10250222	Not Issued	128	06/13/2003	ANALYSIS OF TEMPORAL CHANGE USING DUAL OR MULTI-ENERGY DECOMPOSITION IMAGES	AVINASH, GOPAL B.
10306052	6999549	150	11/27/2002	METHOD AND APPARATUS FOR QUANTIFYING TISSUE FAT CONTENT	AVINASH, GOPAL B.
10306197	7272429	150	11/27/2002	METHODS AND APPARATUS FOR FACILITATING A REDUCTION IN ARTIFACTS	AVINASH, GOPAL B.
10306466	Not Issued	71	11/27/2002	Methods and apparatus for discriminating multiple contrast agents	AVINASH, GOPAL B.
10306468	6898263	150	11/27/2002	METHOD AND APPARATUS FOR SOFT-TISSUE VOLUME VISUALIZATION	AVINASH, GOPAL B.
10323064	Not Issued	120	12/18/2002	Medical data processing system and method	AVINASH, GOPAL B.
10323080	Not Issued	41	12/19/2002	Medical data operating model development system and method	AVINASH, GOPAL B.
10323086	Not Issued	120	12/18/2002	Integrated medical knowledge base interface system and method	AVINASH, GOPAL B.
10323178	Not Issued	61	12/18/2002	Multilevel integrated medical knowledge base system and method	AVINASH, GOPAL B.
10323201	Not Issued	83	12/18/2002	Patient data acquisition system and method	AVINASH, GOPAL B.
10323202	Not	83	12/18/2002	Patient-driven medical data	AVINASH, GOPAL

	Issued			processing system and method	B.
10323204	7187790	150	12/18/2002	DATA PROCESSING AND FEEDBACK METHOD AND SYSTEM	AVINASH, GOPAL B.
10323260	Not Issued	41	12/18/2002	Medical data analysis method and apparatus incorporating in vitro test data	AVINASH, GOPAL B.

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
10323335	Not Issued	61	12/18/2002	Medical resource processing system and method utilizing multiple resource type data	AVINASH, GOPAL B.
10323452	Not Issued	30	12/18/2002	Medical procedure prioritization system and method utilizing integrated knowledge base	AVINASH, GOPAL B.
10323800	Not Issued	128	12/18/2002	Computer-assisted reconciliation of multiple image reads	AVINASH, GOPAL B.
10323986	Not Issued	133	12/18/2002	Computer assisted data reconciliation method and apparatus	AVINASH, GOPAL B.
10324046	Not Issued	30	12/18/2002	Enhanced computer-assisted medical data processing system and method	AVINASH, GOPAL B.
10324048	Not Issued	83	12/18/2002	Computer-assisted data processing system and method incorporating automated learning	AVINASH, GOPAL B.
10439103	6687329	150	05/15/2003	COMPUTER AIDED ACQUISITION OF MEDICAL IMAGES	AVINASH, GOPAL B.
10457344	Not Issued	41	06/09/2003	Tempero-spatial physiological signal detection method and apparatus	AVINASH, GOPAL B.
10600107	Not Issued	80	06/20/2003	Systems and methods for retrospective internal gating	AVINASH, GOPAL B.
10602806	6836528	150	06/24/2003	METHODS AND APPARATUS FOR DETECTING STRUCTURAL, PERFUSION, AND FUNCTIONAL ABNORMALITIES	AVINASH, GOPAL B.
10604673	Not Issued	83	08/08/2003	METHOD AND APPARATUS OF MULTI-MODALITY IMAGE FUSION	AVINASH, GOPAL B.

10606658	Not Issued	160	06/26/2003	Systems and methods for correcting inhomogeneity in images	AVINASH, GOPAL B.
10608236	Not Issued	71	06/27/2003	Systems and methods for correcting inhomogeneity in images	AVINASH, GOPAL B.
10613591	Not Issued	41	07/03/2003	Imaging chain for digital tomosynthesis on a flat panel detector	AVINASH, GOPAL B.
10616513	6792072	150	07/09/2003	SYSTEM AND METHOD FOR MITIGATING IMAGE NOISE WITH MULTI-ENERGY IMAGE DECOMPOSITION	AVINASH, GOPAL B.
10629155	7248749	150	07/29/2003	METHOD AND APPARATUS FOR SIGNAL-TO-NOISE RATIO DEPENDENT IMAGE PROCESSING	AVINASH, GOPAL B.
10698701	7274811	150	10/31/2003	METHOD AND APPARATUS FOR SYNCHRONIZING CORRESPONDING LANDMARKS AMONG A PLURALITY OF IMAGES	AVINASH, GOPAL B.
10708771	Not Issued	41	03/24/2004	METHOD AND PRODUCT FOR PROCESSING DIGITAL IMAGES	AVINASH, GOPAL B.
10710391	Not Issued	71	07/07/2004	COUNT ADAPTIVE NOISE REDUCTION METHOD OF X-RAY IMAGES	AVINASH, GOPAL B.
10723034	6980624	150	11/26/2003	NON-UNIFORM VIEW WEIGHTING TOMOSYNTHESIS METHOD AND APPARATUS	AVINASH, GOPAL B.
10723189	Not Issued	120	11/26/2003	Method and apparatus for segmentation-based image operations	AVINASH, GOPAL B.
10723716	Not Issued	80	11/26/2003	Method and system for prospective gating using multiple inputs	AVINASH, GOPAL B.
10723728	Not Issued	41	11/26/2003	Method and system for estimating three-dimensional respiratory motion	AVINASH, GOPAL B.
10723736	Not Issued	41	11/26/2003	Method for random point and patterned noise reduction in digital images	AVINASH, GOPAL B.
10723791	Not Issued	41	11/26/2003	Resolution adaptive image filtering system and method	AVINASH, GOPAL B.

10723857	Not Issued	71	11/26/2003	Method and system for composite gating using multiple inputs	AVINASH, GOPAL B.
10723858	Not Issued	93	11/26/2003	METHOD AND SYSTEM FOR DETERMINING A PERIOD OF INTEREST USING MULTIPLE INPUTS	AVINASH, GOPAL B.
10723861	Not Issued	41	11/26/2003	Image temporal change detection and display method and apparatus	AVINASH, GOPAL B.
10723894	Not Issued	121	11/26/2003	Method and system for retrospective gating using multiple inputs	AVINASH, GOPAL B.
10731762	7254261	150	12/09/2003	SIGNAL-ADAPTIVE NOISE REDUCTION IN DIGITAL RADIOGRAPHIC IMAGES	AVINASH, GOPAL B.
10743634	6996205	150	12/22/2003	METHODS AND APPARATUS TO FACILITATE REVIEW OF CT COLONOGRAPHY EXAMS	AVINASH, GOPAL B.
10756872	Not Issued	41	01/12/2004	System and method for overlaying color cues on a virtual representation of an anatomical structure	AVINASH, GOPAL B..
10766362	7072435	150	01/28/2004	METHODS AND APPARATUS FOR ANOMALY DETECTION	AVINASH, GOPAL B.
10844073	Not Issued	30	05/12/2004	Methods for suppression of items and areas of interest during visualization	AVINASH, GOPAL B.
10859423	7310436	150	06/01/2004	SYSTEMS, METHODS AND APPARATUS FOR SPECIALIZED FILTERED BACK-PROJECTION RECONSTRUCTION FOR DIGITAL TOMOSYNTHESIS	AVINASH, GOPAL B.
10897764	Not Issued	30	07/23/2004	Methods and apparatus for noise reduction filtering of images	AVINASH, GOPAL B.
10926380	Not Issued	30	08/25/2004	System and method for hybrid tracking in surgical navigation	AVINASH, GOPAL B.
10935893	Not Issued	71	09/08/2004	Contrast agent imaging-driven health care system and method	AVINASH, GOPAL B.
10946857	Not Issued	41	09/22/2004	Method and system for structuring dynamic data	AVINASH, GOPAL B.
10955269	Not Issued	94	09/30/2004	METHOD AND SYSTEM FOR MULTI-ENERGY TOMOSYNTHESIS	AVINASH, GOPAL B.

10958105	Not Issued	71	10/04/2004	Patient identification card system and method for efficient medical care	AVINASH, GOPAL B.
10991570	Not Issued	30	11/18/2004	Method and system for portability of images using a high-quality display	AVINASH, GOPAL B.
10996937	Not Issued	160	11/23/2004	Method and apparatus for parameter assisted image-guided surgery (PAIGS)	AVINASH, GOPAL B.
11015270	Not Issued	30	12/17/2004	Remote monitoring and diagnostics system with automated problem notification	AVINASH, GOPAL B.
11015517	Not Issued	30	12/17/2004	Automated remote monitoring and diagnostics service method and system	AVINASH, GOPAL B.
11015526	Not Issued	30	12/17/2004	Multi-dimensional analysis of medical data	AVINASH, GOPAL B.
11015541	Not Issued	71	12/17/2004	Personalized genetic-based analysis of medical conditions	AVINASH, GOPAL B.
11015542	Not Issued	30	12/17/2004	Genetic knowledgebase creation for personalized analysis of medical conditions	AVINASH, GOPAL B.
11015550	Not Issued	30	12/17/2004	Remote monitoring and diagnostics service prioritization method and system	AVINASH, GOPAL B.
11015848	Not Issued	41	12/17/2004	Method and system for search, analysis and display of structured data	AVINASH, GOPAL B.

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Last Name = AVINASH
First Name = GOPAL

Application#	Patent#	Status	Date Filed	Title	Inventor Name
11016076	Not Issued	83	12/17/2004	Computer assisted domain specific entity mapping method and system	AVINASH, GOPAL B.
11016081	Not Issued	83	12/17/2004	Domain-specific data entity mapping method and system	AVINASH, GOPAL B.
11023244	Not Issued	41	12/24/2004	Systems, methods and apparatus for detecting a collimation edge in digital image radiography	AVINASH, GOPAL B.
11023919	Not Issued	30	12/28/2004	Integrated scheduling system for health care providers	AVINASH, GOPAL B.
11024088	Not Issued	30	12/28/2004	Characteristic-based health care resource scheduling method and apparatus	AVINASH, GOPAL B.
11069308	Not Issued	30	03/01/2005	Systems, methods and apparatus for filtered back-projection reconstruction in digital tomosynthesis	AVINASH, GOPAL B.
11079694	Not Issued	30	03/14/2005	Methods and systems for monitoring tumor burden	AVINASH, GOPAL B.
11092487	Not Issued	30	03/29/2005	Volumetric image enhancement system and method	AVINASH, GOPAL B.
11101888	Not Issued	71	04/07/2005	Method and apparatus for soft-tissue volume visualization	AVINASH, GOPAL B.
11180270	Not Issued	30	07/13/2005	Method and apparatus for creating a multi-resolution framework for improving medical imaging workflow	AVINASH, GOPAL B.
11222419	Not Issued	30	09/08/2005	Methods and apparatus for method to optimize visual consistency of images using human observer feedback	AVINASH, GOPAL B.
11240609	Not Issued	41	09/29/2005	Systems, methods and apparatus for diagnosis of disease from categorical indices	AVINASH, GOPAL B.
11240610	Not	30	09/29/2005	Systems, methods and apparatus for	AVINASH,

	Issued			creation of a database of images from categorical indices	GOPAL B.
11240880	Not Issued	30	09/30/2005	Computer assisted domain specific entity mapping method and system	AVINASH, GOPAL B.
11241570	Not Issued	30	09/29/2005	Systems, methods and apparatus for tracking progression and tracking treatment of disease from categorical indices	AVINASH, GOPAL B.
11272118	Not Issued	30	11/10/2005	Method for three dimensional multi-phase quantitative tissue evaluation	AVINASH, GOPAL B.
11280151	Not Issued	61	11/16/2005	System and method for cross table tomosynthesis imaging for trauma applications	AVINASH, GOPAL B.
11284855	Not Issued	30	11/22/2005	System and method for integrated learning and understanding of healthcare informatics	AVINASH, GOPAL B.
11301856	Not Issued	30	12/12/2005	Method and apparatus for selecting computer-assisted algorithms based on protocol and/or parameters of an acquisistion system	AVINASH, GOPAL B.
11321510	Not Issued	30	12/29/2005	Computer-aided detection system utilizing temporal analysis as a precursor to spatial analysis	AVINASH, GOPAL B.
11324852	Not Issued	25	01/04/2006	Networked modular and remotely configurable system and method of remotely monitoring patient healthcare characteristics	AVINASH, GOPAL B.
11324911	Not Issued	25	01/04/2006	Patient initiated on-demand remote medical service with integrated knowledge base and computer assisted diagnosing characteristics	AVINASH, GOPAL B.
11392074	Not Issued	30	03/29/2006	Method and apparatus for virtual subtraction of stool from registration and shape based analysis of prone and supine scans of the colon	AVINASH, GOPAL B.
11460315	Not Issued	30	07/27/2006	SYSTEM AND METHOD FOR ON-DEMAND VISUAL ENHANCEMENT OF CLINICAL CONITIONS IN IMAGES	AVINASH, GOPAL B.
11463845	Not Issued	30	08/10/2006	CLASSIFICATION METHODS AND APPARATUS	AVINASH, GOPAL B.
11464103	Not Issued	30	08/11/2006	SYSTEM AND METHOD FOR PROCESSING IMAGING DATA	AVINASH, GOPAL B.
11511656	Not Issued	30	08/29/2006	Imaging chain for digital tomosynthesis on a flat panel detector	AVINASH, GOPAL B.

11521192	Not Issued	25	09/14/2006	Methods and apparatus for gated acquisitions in digital radiography	AVINASH, GOPAL B.
11523878	Not Issued	30	09/20/2006	Method and system for automatically generating a disease severity index	AVINASH, GOPAL B.
11551109	Not Issued	30	10/19/2006	Methods and Apparatus for Noise Estimation	AVINASH, GOPAL B.
11551802	Not Issued	25	10/23/2006	Methods and Apparatus for Volume Computer Assisted Reading Management and Review	AVINASH, GOPAL B.
11562505	Not Issued	30	11/22/2006	METHODS AND SYSTEMS FOR OPTIMIZING HIGH RESOLUTION IMAGE RECONSTRUCTION	AVINASH, GOPAL B.
11562704	Not Issued	25	11/22/2006	METHODS AND SYSTEMS FOR ENHANCED PLAQUE VISUALIZATION	AVINASH, GOPAL B.
11563016	Not Issued	30	11/23/2006	PURPOSE-DRIVEN ENHANCEMENT FILTERING OF ANATOMICAL DATA	AVINASH, GOPAL B.
11563025	Not Issued	30	11/23/2006	SYSTEMS, METHODS AND APPARATUS FOR PLAQUE VISUALIZATION AND QUANTIFICATION USING FUZZY AND ADAPTIVE REGION CLASSES	AVINASH, GOPAL B.
11563131	Not Issued	30	11/24/2006	SYSTEMS, METHODS AND APPARATUS FOR A NETWORK APPLICATION FRAMEWORK SYSTEM	AVINASH, GOPAL B.
11563133	Not Issued	30	11/24/2006	SYSTEMS, METHODS AND APPARATUS FOR A NETWORK APPLICATION FRAMEWORK SYSTEM	AVINASH, GOPAL B.
11563134	Not Issued	25	11/24/2006	SYSTEMS, METHODS AND APPARATUS FOR A NETWORK APPLICATION FRAMEWORK SYSTEM	AVINASH, GOPAL B.
11563137	Not Issued	30	11/24/2006	SYSTEMS, METHODS AND APPARATUS FOR A NETWORK APPLICATION FRAMEWORK SYSTEM	AVINASH, GOPAL B.
11602899	Not Issued	25	11/21/2006	Method and system for creating and using an impact atlas	AVINASH, GOPAL B.
11602909	Not Issued	25	11/21/2006	Method and system for adjusting 3D CT vessel segmentation	AVINASH, GOPAL B.

11603488	Not Issued	30	11/22/2006	Method and system for automatically identifying and displaying vessel plaque views	AVINASH, GOPAL B.
11603490	Not Issued	25	11/22/2006	Methods and apparatus for generating a risk metric for soft plaque in vessels	AVINASH, GOPAL B.
11603717	Not Issued	30	11/22/2006	Methods and apparatus for detecting aneurysm in vasculatures	AVINASH, GOPAL B.
11603718	Not Issued	25	11/22/2006	Method and apparatus for synchronizing corresponding landmarks among a plurality of images	AVINASH, GOPAL B.
11606672	Not Issued	25	11/30/2006	Integrated RFID sensor method and system	AVINASH, GOPAL B.
11694911	Not Issued	30	03/30/2007	SYSTEMS, METHODS AND APPARATUS FOR LONGITUDINAL/TEMPORAL ANALYSIS OF PLAQUE LESIONS	AVINASH, GOPAL B.
11750488	Not Issued	30	05/18/2007	SYSTEMS, METHODS AND APPARATUS TO IMAGE OBJECTS	AVINASH, GOPAL B.
11836636	Not Issued	25	08/09/2007	METHOD AND APPARATUS FOR SYNCHRONIZING CORRESPONDING LANDMARKS AMONG A PLURALITY OF IMAGES	AVINASH, GOPAL B.
11846009	Not Issued	25	08/28/2007	SYSTEMS, METHODS AND APPARATUS FOR CONSISTENCY-CONSTRAINED FILTERED BACKPROJECTION FOR OUT-OF-FOCUS ARTIFACTS IN DIGITAL TOMOSYTHESIS	AVINASH, GOPAL B.

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
11931078	Not Issued	25	10/31/2007	METHOD AND APPARATUS OF MULTI-MODALITY IMAGE FUSION	AVINASH, GOPAL B.
11944603	Not Issued	19	11/23/2007	SYSTEMS, METHODS AND APPARATUS FOR ANALYSIS AND VISUALIZATION OF METADATA INFORMATION	AVINASH, GOPAL B.
11944604	Not Issued	19	11/23/2007	SYSTEMS, METHODS AND APPARATUS FOR SEGMENTATION OF DATA INVOLVING A HIERARCHICAL MESH	AVINASH, GOPAL B.
11950418	Not Issued	19	12/04/2007	SYSTEMS, METHODS AND APPARATUS FOR SPECIALIZED FILTERED BACK-PROJECTION RECONSTRUCTION FOR DIGITAL TOMOSYNTHESIS	AVINASH, GOPAL B.
59333346	Not Issued	19	01/01/0001	COMPUTER AIDED DIAGNOSIS OF AN IMAGE SET	AVINASH, GOPAL B.
60398151	Not Issued	159	07/23/2002	Methods and apparatus for detecting structural, perfusion, and functional abnormalities	AVINASH, GOPAL B.
60482038	Not Issued	159	06/24/2003	Methods and apparatus to facilitate review of CT colonography exams	AVINASH, GOPAL B.
08317888	5561611	150	10/04/1994	METHOD AND APPARATUS FOR SIGNAL RESTORATION WITHOUT KNOWLEDGE OF THE IMPULSE RESPONSE FUNCTION OF THE SIGNAL ACQUISITION SYSTEM	AVINASH, GOPAL B.
08691200	5923789	150	08/07/1996	BAND LIMITED	AVINASH, GOPAL

				INTERPOLATION AND PROJECTION OF SPATIAL 3-D IMAGES	B.
08782025	5943433	150	12/30/1996	NETHOD FOR CORRECTING INHOMOGENEITY OF SPATIAL INTENSITY IN AN ACQUIRED MR IMAGE	AVINASH, GOPAL B.
08990826	5987347	150	12/15/1997	A METHOD FOR REMOVING STREAK ARTIFACTS IN MEDICAL IMAGES	AVINASH, GOPAL B.
09059886	6173083	150	04/14/1998	METHOD AND APPARATUS FOR ANALYZING IMAGE STRUCTURES	AVINASH, GOPAL B.
09060017	6208763	150	04/14/1998	METHOD AND APPARATUS FOR ENHANCING DISCRETE PIXEL IMAGES	AVINASH, GOPAL B.
09145932	6100689	150	09/03/1998	METHOD FOR QUANTIFYING GHOST ARTIFACTS IN MR IMAGES	AVINASH, GOPAL B.
09317416	6556720	150	05/24/1999	METHOD AND APPARATUS FOR ENHANCING AND CORRECTING DIGITAL IMAGES	AVINASH, GOPAL B.
09444070	6701025	150	11/22/1999	AUTOMATIC IMAGE CORRECTION METHOD AND SYSTEM	AVINASH, GOPAL B.
09448706	6782137	150	11/24/1999	DIGITAL IMAGE DISPLAY IMPROVEMENT SYSTEM AND METHOD	AVINASH, GOPAL B.
11725244	Not Issued	30	03/19/2007	Purpose-driven data representation and usage for medical images	AVINASH, GOPAL BILIGERI
11725245	Not Issued	30	03/19/2007	Processing of content-based compressed images	AVINASH, GOPAL BILIGERI
11725351	Not Issued	30	03/19/2007	Atlas-based image compression	AVINASH, GOPAL BILIGERI
11725385	Not Issued	30	03/19/2007	Content-based image compression	AVINASH, GOPAL BILIGERI
11725406	Not Issued	25	03/19/2007	Registration and compression of dynamic images	AVINASH, GOPAL BILIGERI
11731535	Not Issued	30	03/30/2007	Image acquisition and processing chain for dual-energy radiography using a portable flat panel detector	AVINASH, GOPAL BILIGERI
11731537	Not Issued	30	03/30/2007	Portable digital tomosynthesis imaging system and method	AVINASH, GOPAL BILIGERI

11824091	Not Issued	30	06/29/2007	Electronic medical record-influenced data acquisition, processing, and display system and method	AVINASH, GOPAL BILIGERI
11824092	Not Issued	25	06/29/2007	Patient-specific electronic medical record and method for making same	AVINASH, GOPAL BILIGERI
11859035	Not Issued	30	09/21/2007	SYSTEM AND METHOD FOR COMPUTER AIDED DETECTION AND DIAGNOSIS FROM MULTIPLE ENERGY IMAGES	AVINASH, GOPAL BILIGERI
11875427	Not Issued	17	10/19/2007	IMAGE GUIDED ACQUISITION OF QUANTITATIVE DUAL ENERGY DATA	AVINASH, GOPAL BILIGERI
11934338	Not Issued	20	11/02/2007	MEDICAL IMAGING SYSTEM	AVINASH, GOPAL BILIGERI
11944620	Not Issued	19	11/25/2007	SYSTEM AND METHOD OF DIAGNOSING A MEDICAL CONDITION	AVINASH, GOPAL BILIGERI
11968270	Not Issued	17	01/02/2008	COMPUTER IMPLEMENTED METHOD AND SYSTEM FOR PROCESSING IMAGES	AVINASH, GOPAL BILIGERI
08757181	5832134	150	11/27/1996	DATA VISUALIZATION ENHANCEMENT THROUGH REMOVAL OF DOMINATING STRUCTURES	AVINASH, GOPAL BILIGERI

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